



Sealsafe[®]

IVC BLUE LINE

- Limited air speed to minimize anxiety- and stress- induced behaviour:
Animal welfare
- Great visibility-focused design:
Easy daily check
- Latches, gasket and microbiological filter:
Protection for operators and animals



HOUSING



TECNIPLAST[®]

*innovation through passion*SM

1/Animal Welfare

- Air inlet and outlet valves placed in the top: **no air drafts** at animal level, **avoiding risk of stress and heat loss**, as reported in the scientific literature.
- Stand-alone Air Handling Unit: Easy, Smart and Sky Flow provide safe ventilation **without transmitting vibrations** to the rack, ensuring **standardization of the experiment**.

2/Ergonomics and protection

- Great visibility-focused design and Cage Self-Locking System to help operators perform **quicker daily check**.
- Cages designed to have an ergonomic easy access: **quicker cage change**.
- Microbiological filters (VFE* \geq 99.999987% and BFE* \geq 99.999937%) at cage level, ensure optimal gas exchange as well as **protection during procedures or in case of power failure**.
- Nylon Gasket and Latches: **seal** between cage base and the top.
- DOP tested Air Handling Unit's HEPA Filters provide **high protection against bacteria, viruses and allergens**.

*VFE: Virus Filtration Efficiency. BFE: Bacteria Filtration Efficiency.

TECHNICAL SHEET

1500U Cage

Overall dimensions (L x W x H)

513 x 381 x 256 mm / 20.28 x 15.00 x 10.08 in

Floor Area

1500cm² / 232.5 sq in

Plastic Type

H-TEMP (Polysulfone): 3 years warranty

U-TEMP (Polyetherimide): 5 years warranty

Cage body

Nylon gasket, high stackability, Simmetric (no back, no front)

Lid

Full length wire bar lid style

Feeder Capacity

2.78 l / 93.95 fl oz (US) / 97.78 fl oz (UK)

Water bottle

700ml / 23.67 oz (US) / 24.64 oz (UK)

Cage Filter Efficiency

Microbiological Filter

Bacteria Filtration Efficiency (BFE) \geq 99.999937%

Virus Filtration Efficiency (VFE) \geq 99.999987%

Sealsafe Racks

Rack	Configuration	Species	Overall Dimension (L x W x H)
2U15	15 cages (3 W x 5 H) Single Sided	Rat	1239 x 680 x 1877 (1962*) mm 48.78 x 26.77 x 73.91 (77.25*) in
2U20	20 cages (4 W x 5 H) Single Sided	Rat	1642 x 680 x 1877 (1926*) mm 64.65 x 26.77 x 73.91 (77.25*) in

*With removable supply plenum



HOUSING

Sealsafe® IVC Blue Line

Ergonomics and Protection

2



Latches and microbiological filter



Great intra-cage visibility



ISO-9001
Cert. n° 0875



ISO-14001
Cert. n° 0256A/0



HEADQUARTERS
ITALY | Tel. +39 0332 809711 • www.tecniplast.it • E-mail: tecnicom@tecniplast.it

SISTER COMPANIES

AUSTRALIA/NEW ZEALAND | Tel. + 61 2 8845 6500 • www.tecniplast.it • E-mail: info@tecniplast.com.au

CHINA | Tel. + 86 21 50810920 • www.tecniplast.cn • E-mail: tecniplastchina@tecniplast.it

FRANCE | Tel. 04 72 52 94 41 • www.tecniplast.fr • E-mail: info@tecniplast.fr

GERMANY | Tel. 08805 921320 • www.tecniplast.de • E-mail: info@tecniplast.de

UNITED KINGDOM | Tel. 0845 0504556 • www.tecniplast.it • E-mail: info@tecniplastuk.com

JAPAN | Tel. + 03 5770 5375 • www.tecniplast.it • E-mail: info@tecniplastjapan.co.jp

USA/CANADA | Toll Free: 877.669.2243 • www.tecniplastusa.com • E-mail: info@tecniplastusa.com

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